

012704

16281 U.S. PTO

**Sughrue**

SUGHRUE MION, PLLC

Howard L. Bernstein

T 202-663-7937  
hbernstein@sughrue.com

January 27, 2004

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

2100 Pennsylvania Avenue, NW  
Washington, DC 20037-3213

T 202.293.7060  
F 202.293.7860

401 Castro Street  
Mountain View, CA 94041-2007

T 650.625.8100  
F 650.625.8110

Toei Nishi Shimbashi Bldg. 4F  
13-5 Nishi Shimbashi 1-Chome  
Minato-Ku, Tokyo 105-0003  
Japan

T 03.3503.3760  
F 03.3503.3756

www.sughrue.com

Re: Application of Kouhei NADEHARA  
IMPLEMENTATIONS OF AES ALGORITHM FOR REDUCING  
HARDWARE WITH IMPROVED EFFICIENCY  
Assignee: NEC CORPORATION  
Our Ref. Q79582

16018 U.S. PTO  
10/764504  
012704

Dear Sir:

Attached hereto is the application identified above comprising 66 sheets of the specification, including the claims and abstract, 23 sheets of formal drawings, a copy of the executed Assignment and PTO 1595 form, and a copy of the executed Declaration and Power of Attorney. Also enclosed is an Information Disclosure Statement and PTO/SB/08 A & B (modified) with references.

The Government filing fee is calculated as follows:

Total claims	14	-	20	=		x	\$18.00	=	\$0.00
Independent claims	8	-	3	=	5	x	\$86.00	=	\$430.00
Base Fee									\$770.00

<b>TOTAL FILING FEE</b>	<b>\$1200.00</b>
Recordation of Assignment	\$40.00
<b>TOTAL FEE</b>	<b>\$1240.00</b>

Checks for the statutory filing fee of \$1200.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.



Sughrue

SUGHRUE MION, PLLC

Commissioner for Patents  
Q79582

Page 2

Priority is claimed from:

Country

Application No

Filing Date

Japan

2003-018845

January 28, 2003

The priority document is enclosed herewith.

Respectfully submitted,  
SUGHRUE MION, PLLC

Attorneys for Applicant

By: 

Howard L. Bernstein  
Registration No. 25,665

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER